

 <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)</p>				ATTY. DOCKET NO. 890050.443		APPLICATION NO. 10/684,981	
				APPLICANTS Hiroyasu Inoue et al.			
				FILING DATE October 14, 2003		GROUP ART UNIT 1756	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	AA	4,405,706	09/20/83	Takahashi et al.	430	271	
<i>W</i>	AB	4,500,889	02/19/85	Wada et al.	346	1.1	
<i>W</i>	AC	4,529,991	07/16/85	Wada et al.	346	76 L	
<i>W</i>	AD	4,609,611	09/02/86	Sigyo et al.	430	270	
<i>W</i>	AE	4,682,321	07/21/87	Takaoka et al.	369	284	
<i>W</i>	AF	5,459,018	10/11/95	Akahira	430	270	
<i>W</i>	AG	5,871,881	02/16/99	Nishida et al.	430	270.11	
<i>W</i>	AH	6,333,913	12/25/01	Yoshinari et al.	369	283	
<i>W</i>	AI	6,355,326	03/12/02	Lee et al.	428	64.1	
<i>W</i>	AJ	6,404,712	06/11/02	Lee et al.	369	47.53	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
<i>W</i>	AK	4-838	01/03/73	JP			
<i>W</i>	AL	54-133134	10/16/79	JP (+Abstract in English)			
<i>W</i>	AM	56-124134	09/29/81	JP (+Abstract in English)			
<i>W</i>	AN	60-219097	11/01/85	JP (+Abstract in English)			
<i>W</i>	AO	62-226440	10/05/87	JP (+Abstract in English)			
<i>W</i>	AP	62-226442	10/05/87	JP (+Abstract in English)			
<i>W</i>	AQ	03258590	11/18/91	JP (+Abstract in English)			
	AR						
<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AS						
EXAMINER <i>W</i>				DATE CONSIDERED <i>6/1/07</i>			
<p>* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).</p>							

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	BA	6,404,713	06/11/02	Ueki	369	47.53	
<i>W</i>	BB	2002/0110063	08/15/02	Yamada et al.	369	47.39	
<i>W</i>	BC	2004/0027652	02/12/04	Erdogan et al.	359	359	
<i>W</i>	BD	2004/0052176	03/18/04	Narumi et al.	369	47.39	
<i>W</i>	BE	2005/0047306	03/03/05	Inoue et al.	369	94	
	BF						
	BG						
	BH						
	BI						
	BJ						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
<i>W</i>	BK	10-143919	05/29/98	JP (+Abstract in English)		
<i>W</i>	BL	2 336 463	10/20/99	GB		
<i>W</i>	BM	2001-101709	04/13/01	JP (+Abstract in English)		
<i>W</i>	BN	1 122 723	08/08/01	EP		
<i>W</i>	BO	2001-266402	09/28/01	JP (+Abstract in English)		
<i>W</i>	BP	03/025924	03/21/03	WO (+Abstract in English)		
<i>W</i>	BQ	2003-105738	04/09/03	JP (+Abstract in English)		
	BR					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BS	
EXAMINER	DATE CONSIDERED
<i>W</i>	<i>6/1/07</i>

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